

Date of filing in State Engineer's Office FEB 11 1980 NEW PRIORITY DATE: Sept. 28, 1992

Returned to applicant for correction..... JUN 11 1980

Corrected application filed.....

Map filed JUL 3 1980

The applicant AMAX Exploration, Inc.

7100 W. 44th Avenue, of Wheat Ridge  
 Street and No. or P.O. Box No. City or Town

Colorado 80033, hereby make application for permission to appropriate the public  
State and Zip Code No.

waters of the State of Nevada, as hereinafter stated. (If applicant is a corporation, give date and place of incorporation; if a copartnership or association, give names of members.) Incorporated in the State of Delaware on December 12, 1977 as AMAX Exploration and Development, Inc.; name changed on January 12, 1978 to AMAX Exploration, Inc.

1. The source of the proposed appropriation is underground - Hole No. 56-5  
Name of stream, lake or other source.
2. The amount of water applied for is 6.55 second feet second-feet  
One second-foot equals 448.83 gals. per min.
- (a) If stored in reservoir give number of acre-feet \_\_\_\_\_ acre-feet
3. The water to be used for geothermal production (industrial and domestic)  
Irrigation, power, mining, manufacturing, domestic, or other use.
4. If use is for:
- (a) Irrigation (state number of acres to be irrigated) \_\_\_\_\_
- (b) Stockwater (state number and kinds of animals to be watered) \_\_\_\_\_
- (c) Other use (describe fully under "No. 12. Remarks") geothermal production (industrial and domestic)
- (d) Power:
- (1) Horsepower developed \_\_\_\_\_
- (2) Point of return of water to stream \_\_\_\_\_
5. The water is to be diverted from its source at the following point: NW 1/4 SE 1/4, Section 5, T41N, R52E,  
MDB&M or a point from the SE corner of Section 5, T41N, R52E, MDB&M bearing  
Describe as being within a 40-acre subdivision of public survey, and by course and distance to a section corner. If on unsurveyed land,  
S 42° 04' E 2,370 feet  
it should be stated.
6. Place of use SE 1/4 per letter July 1, 1980 Section 5, T41N, R52E, MDB&M  
Describe by legal subdivision, if on unsurveyed land it should be so stated.
7. Use will begin about January 1st and end about December 31st, of each year.  
Day and Month Day and Month
8. Description of proposed works. (Under the provisions of NRS 535.010 you may be required to submit plans and specifications of your diversion or storage works.) Drill a well at least 8" in diameter to  
6,000' to 8,000'. Casing will be set and cemented through fresh water zones  
State manner in which water is to be diverted, whether by dam or other works, whether through pipes, ditches, flumes, or other conduits.  
to protect aquifers.

9. Estimated cost of works.....\$1,600,000.00
10. Estimated time required to construct works.....one year
11. Estimated time required to complete the application to beneficial use.....five years
12. Remarks: For use other than irrigation or stock watering, state number and type of units to be served or annual consumptive use.

Production well to develop geothermal resources.

Applicant AMAX Exploration, Inc.

By s/William M. Dolan

Compared bc/ja gk/bc William M. Dolan  
7100 W. 44th Avenue  
Wheat Ridge, Colorado 80033

APPROVAL OF STATE ENGINEER

This is to certify that I have examined the foregoing application, and do hereby grant the same, subject to the following limitations and conditions:

This permit is issued subject to existing rights. It is understood that the amount of water herein granted is only a temporary allowance and that the final water right obtained under this permit will be dependent upon the amount of geothermal fluids actually placed to beneficial use. It is also understood that this right must allow for a reasonable lowering of the static water level. If the well is flowing, a valve must be installed and maintained to prevent waste. Accurate measurements must be kept of geothermal fluids placed to beneficial use. The State retains the right to regulate the use of the water herein granted at any and all times.

The well is to be cemented from the production levels to the surface to protect fresh water zones.

This permit is further issued subject to the condition that the power or energy generated by the beneficial use of this water or steam is subject to recapture and use within the boundaries of the State of Nevada when the need arises.

This permit is further issued subject to the condition that only geothermal fluids are to be diverted and used beneficially for heating purposes only and fresh, cold water aquifers are not to be diverted.

The amount of water to be appropriated shall be limited to the amount which can be applied to beneficial use, and not to exceed 6.55 cubic feet per second, but not to exceed 4,736 acre-feet annually.

Actual construction work shall begin on or before July 2, 1981

Proof of commencement of work shall be filed before August 2, 1981

Work must be prosecuted with reasonable diligence and be completed on or before July 2, 1982

Proof of completion of work shall be filed before August 2, 1982

Application of water to beneficial use shall be made on or before July 2, 1985

Proof of the application of water to beneficial use shall be filed on or before August 2, 1985

Map in support of proof of beneficial use shall be filed on or before

Commencement of work filed

Completion of work filed AUG 3 1 1983

Proof of beneficial use filed

Cultural map filed

Certificate No. Issued

Recorded JUL 1 1998 Bk Page

CANCELLED JUL 1 1998 BECAUSE OF FAILURE OF APPLICANT TO COMPLY WITH THE PROVISIONS OF PERMIT

IN TESTIMONY WHEREOF, I WILLIAM J. NEWMAN  
State Engineer of Nevada, have hereunto set my hand and the seal of  
my office, this 2nd day of JANUARY

A.D. 1981

William J. Newman  
State Engineer

CANCELLED JUL 27 1992 BECAUSE OF FAILURE OF APPLICANT TO COMPLY WITH THE PROVISIONS OF PERMIT  
Can be Rescinded 11-2-95  
Michael J. Thompson P.E. STATE ENGINEER